

Converting Colors

CIELCh(84, 17.347, 329.147)

Have a look what the booklet for
CIELCh(84, 17.347, 329.147)
contains.

CIELCh(84, 17.050, 330.165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(84, 17.050, 330.165)

Conversions

Conversions Part 1

Format	Color
Hex	E7C9E2
RGB	231, 201, 226
RGB Percent	91%, 79%, 89%
CMY	0.0952, 0.2128, 0.1148
CMYK	0.00, 0.13, 0.02, 0.10
HSL	310°, 38%, 85%
HSV	310°, 13%, 90%
XYZ	67.3784, 64.0658, 80.5673
YIQ	212.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

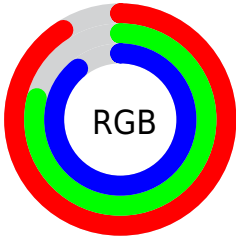
Format	Color
R _Y B	231, 201, 226
Decimal	15190498
CIE Lab	84.00, 14.79, -8.48
CIE LCh	84, 17.050, 330.165
Yxy	64.0658, 0.3178, 0.3022
Android (android.graphics.Color)	4293380578 (0xFFE7C9E2)
YUV	212.8200, 6.4977, 15.9439
Hunter-Lab	80.0411, 10.1890, -3.6510

Details

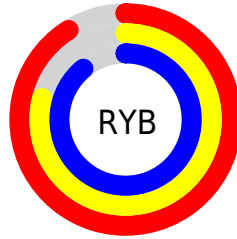
The CIELCh color **84, 17.050, 330.165** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89, 17.001, 148.557**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 17.065, 329.540** is the 20% darker color. If you saturate the color by 10%, you get **78, 30.260, 330.806**, and if you desaturate by 10%, it is **90, 3.909, 329.488**.

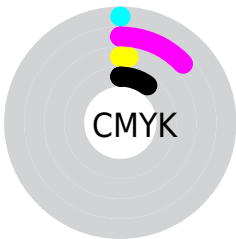
Distribution



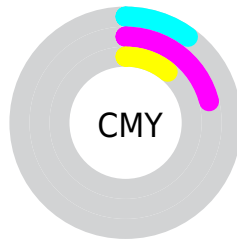
- Red (91%)
- Green (79%)
- Blue (89%)



- Red (91%)
- Yellow (79%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (10%)





- Cyan (10%)
- Magenta (21%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 17.050, 330.165 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 84, 17.050, 330.165 by changing the saturation by 10% instead.


 84, 17.050,
330.165


 84, 17.050,
330.165


 100, 17.050,
330.165


 74, 17.050,
330.165

 64, 17.050,
330.165

 54, 17.050,
330.165

 44, 17.050,
330.165

 34, 17.050,
330.165

 24, 17.050,
330.165

 14, 17.050,

330.165

■ 4, 17.050, 330.165

■ 0, 17.050, 330.165

■ 84, 17.050,
330.165

■ 84, 17.050,
330.165

■ 78, 30.260,
330.806

■ 90, 3.909, 329.488

■ 73, 43.309,
331.456

■ 96, 9.005, 149.020

■ 68, 55.852,
332.116

■ 98, 12.508,
152.447

■ 64, 67.431,
332.785

■ 98, 11.124,
159.238

■ 60, 77.488,

■ 98, 9.929, 167.770

333.466

98, 8.999, 178.308

57, 85.438,
334.169

98, 8.424, 190.734

55, 90.804,
334.910

98, 8.281, 198.962

53, 93.398,
335.718

53, 93.910,
336.331

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84, 17.050, 330.165



89, 17.001, 148.557

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 17.050, 330.165



84, 17.050, 20.165



84, 17.050, 150.165



84, 17.050, 200.165

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84, 17.047, 330.166



97, 5.659, 329.571



82, 16.041, 297.724



52, 4.023, 329.627



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 17.047, 330.166



90, 22.792, 330.363



84, 12.229, 354.909



45, 7.402, 329.939



41, 77.669, 336.172



8, 33.238, 334.756

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84, 17.047, 330.166



90, 22.792, 330.363



89, 11.830, 172.522



45, 7.402, 329.939



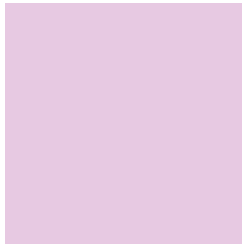
41, 77.669, 336.172



8, 33.238, 334.756

Previews

White Background



This preview shows how the CIELCh color 84, 17.050, 330.165 looks on a white background.

Color Contrast Check

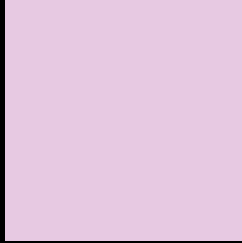
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 84, 17.050, 330.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

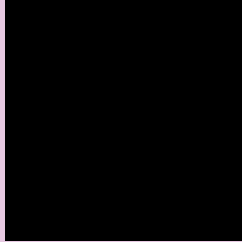
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 17.050, 330.165

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.050, 330.165.

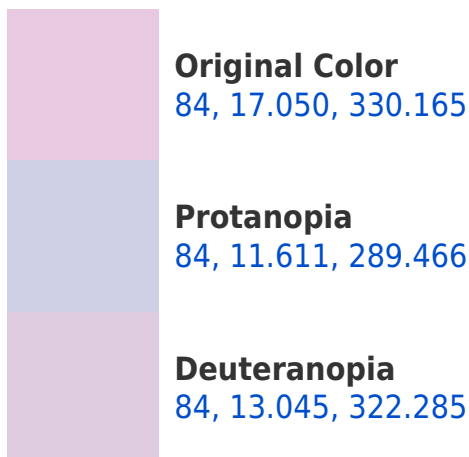


This preview shows how white text looks on a background with the CIELCh color 84, 17.050, 330.165.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
84, 13.232, 340.925

Trichromacy



Original Color
84, 17.050, 330.165

Protanomaly
84, 12.805, 308.761

Deuteranomaly
84, 14.277, 326.174

Tritanomaly
84, 14.265, 335.998

Monochromacy



Original Color
84, 17.050, 330.165

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.985, 327.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.050, 330.165 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(231, 201, 226)` looks like.

```
.text, #text, p{  
    color:rgb(231, 201, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 201, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 201, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.050, 330.165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 201, 226) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 201, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 201, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 201, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 201, 226);  
box-shadow:4px 4px 4px 4px rgb(231, 201,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.050, 330.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 201, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
201, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor